Rab 5C (A153) polyclonal antibody

Catalog: BS3919 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The Ras-related superfamily of guanine nucleotide binding proteins, which includes the R-Ras, Rap, Ral/Rec and Rho/Rab subfamilies, exhibit 30-60% homology with Ras p21. Accumulating data suggests an important role for Rab proteins, either in endocytosis or in biosynthetic protein transport. The transport of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles, a process that appears to involve Rab protein function. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the SEC4 protein, which is 40% homologous to Rab proteins, is associated with secretory vesicles.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 24 kDa

Swiss-Prot:

P51148

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

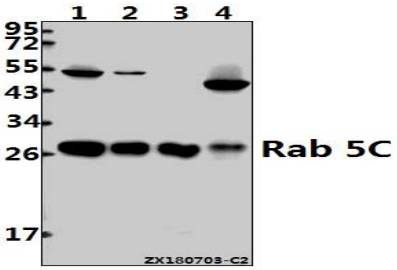
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Rab 5C (A153) polyclonal antibody detects endogenous levels of Rab 5C protein.

DATA:



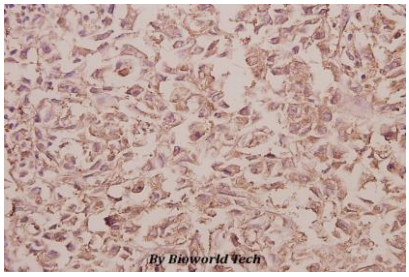
Western blot (WB) analysis of Rab 5C (A153) pAb at 1:1000 dilution

Lane1:A375 whole cell lysate(40ug)

Lane2:Hela whole cell lysate(30ug)

Lane3:The Lung tissue lysate of Rat(40ug)

Lane4:The Lung tissue lysate of Mouse(40ug)



Immunohistochemistry (IHC) analyzes of Rab 5C (A153) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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